

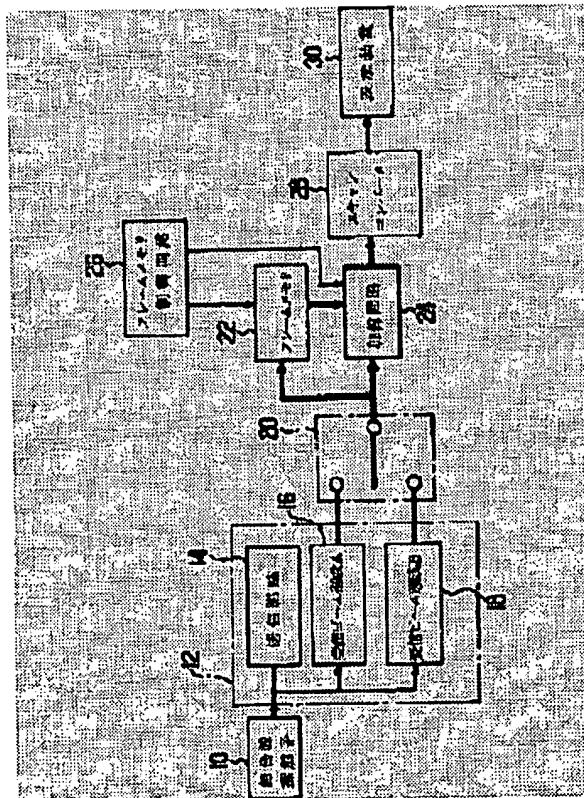
ULTRASONOGRAPH

Patent number: JP10118063
Publication date: 1998-05-12
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Applicant: ALOKA CO LTD
Classification:
- international: A61B8/00; A61B8/00; (IPC1-7): A61B8/00
- european:
Application number: JP19960282012 19961024
Priority number(s): JP19960282012 19961024

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Abstract of JP10118063

PROBLEM TO BE SOLVED: To provide an ultrasonic image which can reduce possible unevenness therein. **SOLUTION:** A transmitting circuit 14 forms a transmitting beam by electronically scanning a plurality of ultrasonic vibrators provided on an ultrasonic probe 10. Two receiving beam forming sections 16 and 18 form two receiving beams per transmitting beam. At this point, a transmitting/receiving section 12 shifts transmitting and receiving beam patterns per scan frame and the shift width is set at a half of a transmitting beam pitch. A receiving beam is synthesized between scanning frames by a frame memory 22 and an addition circuit 24 and the beam thus synthesized is converted to image information to be shown on a display device 30. The synthesized beam has an equal correlation with respect to both adjacent ones in the scan frames.



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